

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S1    | 8    | ((("4784181") or ("6264212") or ("6343622") or ("20030111123"))).PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/10/30 14:08 |
| S2    | 30   | ("2299611"   "2378467"   "2397248"   "2421076"   "2465908"   "2737453"   "3028040"   "3197087"   "3236411"   "3506037"   "3931834"   "4254887"   "4474215").PN. OR ("4784181").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2006/10/23 10:10 |
| S3    | 37   | ("1690072"   "2342355"   "2638932"   "2695753"   "3035614"   "3076479"   "3077208"   "3080119"   "3137317"   "3139113"   "3174658"   "3230976"   "3783905"   "3802464"   "3807901"   "4013221"   "4129025"   "4305428"   "4474215"   "4595037"   "4784181"   "5368073").PN. OR ("6041820").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2006/10/24 11:41 |
| S4    | 32   | ("2742785"   "3136229"   "3153988"   "3165229"   "3288168"   "3623512"   "3788358"   "3960178"   "4010773"   "4098297"   "4129025"   "4234016"   "4295492"   "4321949").PN. OR ("4474215").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2006/10/23 10:25 |
| S5    | 10   | ("3033552"   "3165229"   "3524475"   "4305428"   "4474215"   "5176178"   "5386925").PN. OR ("6871671").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2006/10/23 10:26 |

## EAST Search History

|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S6  | 39  | ("2695753"   "3035614"  <br>"3137317"   "3165229"  <br>"3236411"   "3425593"  <br>"3493496"   "3524475"  <br>"3929163"   "3931834"  <br>"3948287"   "3963052"  <br>"3963612"   "4181156"  <br>"4192350"   "4299254"  <br>"4474215"   "4595037"  <br>"4667841"   "4784181"  <br>"5062455"   "5176178").PN. OR<br>("5386925").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/10/23 10:45 |
| S7  | 360 | (220/721).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/27 11:36 |
| S8  | 6   | ("3695297"   "3853147"  <br>"3868972"   "4408635"  <br>"4615320"   "4807945").PN. OR<br>("6957669").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/10/23 10:50 |
| S9  | 19  | ("2271786"   "2365994"  <br>"2688984"   "3245578"  <br>"3714964"   "3730204"  <br>"4059125"   "4452275"  <br>"4733872"   "4997009"  <br>"6189572"   "6286552"  <br>"6494545").PN. OR ("6810915").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/10/23 10:53 |
| S10 | 194 | (220/723).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/23 11:25 |
| S11 | 8   | ("20050017016"   "2522258"  <br>"2893433"   "3524475"  <br>"4215187").PN. OR ("6915922").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/10/23 11:11 |
| S12 | 8   | ("2695753"   "4240405"  <br>"4341202"   "5584316").PN. OR<br>("6588377").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/10/23 11:14 |
| S13 | 7   | ("3158296"   "4595037"  <br>"5176178"   "5407092"  <br>"5806705"   "6129236").PN. OR<br>("6199717").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/10/23 11:16 |

## EAST Search History

|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S14 | 1975 | (138/30).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/23 15:36 |
| S15 | 316  | S14 and tank   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/23 11:42 |
| S16 | 1975 | (138/30).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/23 11:42 |
| S17 | 1    | S16 and grommet and nipple   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/23 11:43 |
| S18 | 104  | S16 and nipple   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/23 11:51 |
| S19 | 301  | (220/720).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/23 11:51 |
| S20 | 8    | ("20050017016"   "2522258"  <br>"2893433"   "3524475"  <br>"4215187").PN. OR ("6915922").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/10/24 13:18 |
| S21 | 2    | tank with nipple with grommet  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/10/23 12:05 |
| S22 | 9    | tank same (nipple with grommet)  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/10/23 12:05 |

## EAST Search History

|     |    |  |   |    |     |                  |
|-----|----|--|---|----|-----|------------------|
| S25 | 42 | ("2343440" "2877801" "20040173624" "20050017016" "3208775" "3230975" "3232318" "3524475" "4765507" "5222620" "5551590" "6264247" "6517117" "6915922").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/23 15:41 |
| S26 | 5  | ("2343440"   "3208775").PN. OR ("6517117").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/10/23 15:42 |
| S27 | 33 | ("1623067"   "1689510"   "1799244"   "1939611"   "2005087"   "2031350"   "2100168"   "2266611"   "2447536"   "2651528"   "3754731"   "3756367"   "3802464"   "3881201"   "4344458"   "4653663"   "5216316"   "5390808"   "5494188"   "5551590"   "5564756").PN. OR ("6264247").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/10/23 15:44 |
| S28 | 19 | ("2501465"   "2684400"   "3188121"   "3328854"   "3788655"   "4620729"   "4699212"   "5002327"   "5314212"   "5393106"   "5411299").PN. OR ("5564756").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/10/23 15:45 |
| S29 | 42 | ("2180960"   "2372800"   "2376351"   "2376831"   "2454919"   "2695753"   "3035614"   "3095993"   "3181589"   "3247999"   "3458084"   "3524475"   "3774802"   "3931834"   "4220361"   "4589563"   "4685589"   "4775073"   "4836409"   "5222620").PN. OR ("5551590").URPN.             | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/10/23 15:48 |
| S30 | 50 | ("2299611" "3028040" "3557827" "3625256" "3802464" "3931834" "4537329" "4595037" "4784181" "4982856" "5117873" "5345666" "5368073" "5501012" "5954222" "6228312" "6309985" "6387524" "6401966").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/23 15:58 |

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|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S31 | 8   | ("3843010" "4785956" "5287987" "5429845").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/23 16:00 |
| S32 | 15  | lombari-robert\$.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/30 08:30 |
| S35 | 9   | van-houten-d\$.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/24 11:44 |
| S36 | 685 | ((285/203) or (285/204) or (285/205)).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/24 13:19 |
| S37 | 5   | ("4195661"   "4882980"   "5224410"   "5305606"   "5697283").PN. OR ("7055867").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/10/24 13:22 |
| S38 | 360 | (220/721).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/27 11:38 |
| S39 | 1   | S38 and ((polypropylene or nylon or polystyrene or delrin or teflon) with liner)     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/27 12:01 |
| S40 | 6   | S38 and ((polypropylene or nylon or polystyrene or delrin or teflon) with diaphragm) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/27 12:01 |

## EAST Search History

|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S41 | 195 | (220/723).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/27 11:41 |
| S42 | 5   | S41 and ((polypropylene or nylon or polystyrene or delrin or teflon) with liner)                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/27 11:54 |
| S43 | 2   | S41 and ((polypropylene or nylon or polystyrene or delrin or teflon) with diaphragm)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/27 11:45 |
| S44 | 0   | S41 and ((polycarbonate or poliformaldehyde or (polyalkylene adj terephthalate)) with diaphragm) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/27 11:46 |
| S45 | 2   | S38 and ((polycarbonate or poliformaldehyde or (polyalkylene adj terephthalate)) with diaphragm) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/27 11:47 |
| S46 | 2   | S38 and ((isobutylene or polybutadiene) with diaphragm)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/27 11:48 |
| S47 | 0   | S41 and ((isobutylene or polybutadiene) with diaphragm)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/27 11:48 |
| S48 | 48  | ((isobutylene or polybutadiene) with diaphragm)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/27 11:48 |

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|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S49 | 4077 | ((polyprolene or nylon or polystyrene or delrin or teflon) with liner)                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/27 11:54 |
| S50 | 336  | tank and ((polyprolene or nylon or polystyrene or delrin or teflon) with liner)       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/27 12:02 |
| S51 | 1    | S38 and ((polypropylene or nylon or polystyrene or delrin or teflon) with liner)      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/27 12:01 |
| S52 | 6    | S38 and ((polypropylene or nylon or polystyrene or delrin or teflon) with diaphragm)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/27 12:02 |
| S53 | 532  | tank and ((polypropylene or nylon or polystyrene or delrin or teflon) with liner)     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/27 12:18 |
| S54 | 9    | ("4933178"   "5204004"   "5817325"   "5919554").PN. OR ("6238575").URPN.              | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/10/27 12:12 |
| S55 | 374  | tank and ((polypropylene or nylon or polystyrene or delrin or teflon) with diaphragm) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/27 13:34 |
| S59 | 2    | ("6264247").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/30 14:09 |

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|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S60 | 2    | ("4595037").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/30 15:40 |
| S63 | 10   | ("3857413"   "3868972"  <br>"4043425"   "4069844"  <br>"4112978"   "4136714"  <br>"4178965"   "4298030"  <br>"4807721").PN. OR ("6343622").<br>URPN.            | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/11/08 12:45 |
| S64 | 669  | (138/39).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/08 13:22 |
| S65 | 19   | S64 AND FLOW AND<br>CONNECTION AND TANK   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/08 13:23 |
| S66 | 17   | ("1096623"   "3206836"  <br>"3597166"   "3627056"  <br>"3756244"   "4024822"  <br>"4087892"   "4575287"  <br>"4577995"   "4586947").PN. OR<br>("6116284").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/11/08 12:58 |
| S67 | 1978 | (138/30).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/08 13:23 |
| S68 | 669  | (138/39).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/08 13:23 |
| S69 | 1973 | S67 not S68   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/08 13:23 |



## EAST Search History

|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S70 | 144  | S69 AND FLOW AND CONNECTION AND TANK                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/08 13:31 |
| S71 | 3294 | tank and ((flow with connect\$4) same (inflow or outflow)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/08 13:34 |
| S72 | 193  | S71 and ((inflow or outflow) with channel)                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/08 13:34 |
| S73 | 832  | ((220/720) or (220/721) or (220/723)).CCLS.                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/09 08:09 |
| S74 | 686  | ((285/203) or (285/204) or (285/205)).CCLS.                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/09 08:09 |